



Figure S1 . The neurotoxic 20-22kDa NH₂htau peptide gradually accumulates into animals' hippocampus following continuous STZ injection. (A) Hippocampal protein homogenates from naïve untreated mice (Ctrl) and mice injected with 3mg/Kg STZ (STZ 3) for 7, 14, 21 days were analyzed by SDS-PAGE Western blotting with BT2, the pan-tau antibody directed against the 194-198 amino acids of full-length protein, to detect the steady-state expression level of the neurotoxic 20-22kDa NH₂htau peptide over time. (B) Semi-quantitative densitometry of the intensity signals of bands was carried out following normalization with β -actin level used as loading control. Values are from at least three independent experiments and statistically significant differences were calculated by one-way ANOVA followed by Bonferroni's post-hoc test for multiple comparison among more than two groups. $p < 0.05$ was accepted as statistically significant (* $p < 0.05$; ** $p < 0.01$).